



malzahn

2000

Dep't Ref  
Room 307

November 15, 2001

3600

Office of Initial Patent Examination  
Customer Service Center  
Commissioner of Patents  
Washington, D.C. 20231

To Whom it May Concern:

Recently I received a Filing Receipt for the following patent application:

Application Number: 09/963623

Filing Date: September 27, 2001

Title: NON-CONSTANT REDUCED-COMPLEXITY MULTIPLICATION IN SIGNAL  
PROCESSING TRANSFORMS

Applicant: Charles D. Murphy

With this letter I have attached a copy of the Filing Receipt, which shows that the filing fee received was \$463.00. I believe that this value is incorrect, as I describe below.

With this letter I have attached a copies of form PTO/SB/17 Fee Transmittal for FY 2001, the check, and the self-addressed return postcard, all of which were submitted with the original application. Form PTO/SB/17 includes \$355.00 as a basic filing fee, \$108.00 for 12 extra claims beyond the first 20 allowed claims, and \$180.00 for concurrent submission of an Information Disclosure Statement. The total fee from Form PTO/SB/17 and the amount of the check are both \$643.00, not \$463.00.

I made a mistake on the self-addressed return postcard, listing a "personal check for \$463.00" instead of a "personal check for \$643.00". However, the check was for \$643.00, and I would like to make sure that your records reflect this amount.

Sincerely,

*Charles D. Murphy*  
Charles D. Murphy

1816 West Wilson Avenue #3  
Chicago, IL 60640

2121  
#2  
1/11/02  
3/23/02  
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FEB 22 2002

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Copy for correction  
of Filing Receipt

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)**643**

## Complete if Known

Application Number

Filing Date

First Named Inventor

Charles D. Murphy

Examiner Name

Group Art Unit

Attorney Docket No.

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

Deposit  
Account  
Name

- ☐ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☒ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description        |
|----------|----------|----------|----------|------------------------|
| 101      | 710      | 201      | 355      | Utility filing fee     |
| 106      | 320      | 206      | 160      | Design filing fee      |
| 107      | 490      | 207      | 245      | Plant filing fee       |
| 108      | 710      | 208      | 355      | Reissue filing fee     |
| 114      | 150      | 214      | 75       | Provisional filing fee |

Fee Paid

**355**

SUBTOTAL (1) (\$)**355**

### 2. EXTRA CLAIM FEES

Total Claims **32** Extra Claims **12** Fee from below **9** Fee Paid **108**  
Independent Claims **2** - 20\*\* = **12** X **9** = **108**  
Multiple Dependent **2** - 3\*\* = **0** X **0** = **0**

Large Entity Small Entity  
Fee Fee Fee Fee  
Code (\$) Code (\$) Code (\$) Code (\$)

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  |
|----------|----------|----------|----------|--|
| 103      | 18       | 203      | 9        | Claims in excess of 20                                     |
| 102      | 80       | 202      | 40       | Independent claims in excess of 3                          |
| 104      | 270      | 204      | 135      | Multiple dependent claim, if not paid                      |
| 109      | 80       | 209      | 40       | ** Reissue independent claims over original patent         |
| 110      | 18       | 210      | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**108**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | Small Entity Fee Code | Fee (\$) | Fee (\$)   | Fee Description  | Fee Paid   |
|-----------------------|-----------------------|----------|------------|--|------------|
| 105                   | 130                   | 205      | 65         | Surcharge - late filing fee or oath  |            |
| 127                   | 50                    | 227      | 25         | Surcharge - late provisional filing fee or cover sheet                     |            |
| 139                   | 130                   | 139      | 130        | Non-English specification  |            |
| 147                   | 2,520                 | 147      | 2,520      | For filing a request for ex parte reexamination                            |            |
| 112                   | 920*                  | 112      | 920*       | Requesting publication of SIR prior to Examiner action                     |            |
| 113                   | 1,840*                | 113      | 1,840*     | Requesting publication of SIR after Examiner action                        |            |
| 115                   | 110                   | 215      | 55         | Extension for reply within first month                                     |            |
| 116                   | 390                   | 216      | 195        | Extension for reply within second month                                    |            |
| 117                   | 890                   | 217      | 445        | Extension for reply within third month                                     |            |
| 118                   | 1,390                 | 218      | 695        | Extension for reply within fourth month                                    |            |
| 128                   | 1,890                 | 228      | 945        | Extension for reply within fifth month                                     |            |
| 119                   | 310                   | 219      | 155        | Notice of Appeal   |            |
| 120                   | 310                   | 220      | 155        | Filing a brief in support of an appeal                                     |            |
| 121                   | 270                   | 221      | 135        | Request for oral hearing   |            |
| 138                   | 1,510                 | 138      | 1,510      | Petition to institute a public use proceeding                              |            |
| 140                   | 110                   | 240      | 55         | Petition to revive - unavoidable   |            |
| 141                   | 1,240                 | 241      | 620        | Petition to revive - unintentional   |            |
| 142                   | 1,240                 | 242      | 620        | Utility issue fee (or reissue)   |            |
| 143                   | 440                   | 243      | 220        | Design issue fee   |            |
| 144                   | 600                   | 244      | 300        | Plant issue fee  |            |
| 122                   | 130                   | 122      | 130        | Petitions to the Commissioner  |            |
| 123                   | 50                    | 123      | 50         | Processing fee under 37 CFR 1.17(q)  |            |
| 126                   | 180                   | 126      | <b>180</b> | Submission of Information Disclosure Stmt                                  | <b>180</b> |
| 581                   | 40                    | 581      | 40         | Recording each patent assignment per property (times number of properties) |            |
| 146                   | 710                   | 246      | 355        | Filing a submission after final rejection (37 CFR § 1.129(a))              |            |
| 149                   | 710                   | 249      | 355        | For each additional invention to be examined (37 CFR § 1.129(b))           |            |
| 179                   | 710                   | 279      | 355        | Request for Continued Examination (RCE)                                    |            |
| 169                   | 900                   | 169      | 900        | Request for expedited examination of a design application                  |            |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**180.00**

## SUBMITTED BY

| Name (Print/Type)                  | Registration No. (Attorney/Agent) | Complete (if applicable)     |
|------------------------------------|-----------------------------------|------------------------------|
| Charles D. Murphy                  |                                   | Telephone <b>773506 9478</b> |
| Signature <i>Charles D. Murphy</i> |                                   | Date <b>9/20/2001</b>        |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/963,623         | 09/27/2001  | 2121         | 463           |                 |          | 32         | 2          |

CONFIRMATION NO. 9721

30320  
CHARLES D. MURPHY  
1816 WEST WILSON AVENUE #3  
CHICAGO, IL 60640

## FILING RECEIPT



\*OC000000007001943\*

Date Mailed: 10/31/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Charles D. Murphy, Chicago, IL;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 10/29/2001

Projected Publication Date: 03/27/2003

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Non-constant reduced-complexity multiplication in signal processing transforms

## Preliminary Class

708

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LICENSE FOR FOREIGN FILING UNDER

Patent application for Charles D. Murphy for "Non-Constant Reduced-Complexity Multiplication in Signal Processing Transforms", consisting of

- ( ) Self-addressed return postcard  
( ) PTO/SB05 Utility Patent App. Transmittal (1 page)  
( ) personal check for \$463.00  
( ) PTO/SB/17 Fee transmittal & duplicate (2 pages)  
( ) a specification (25 pages excluding claims & abstract)  
( ) claims, 32 in number (9 pages)  
( ) an abstract (1 page)  
( ) PTO/SB/01 (2 pages)  
( ) PTO/SB/08A (1 page)  
( ) information disclosure letter (4 pages)

Wrong

[illegible]

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